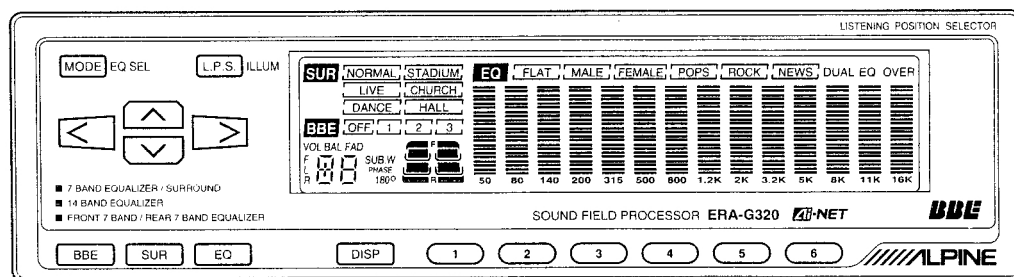


ALPINE SERVICE MANUAL

Sound Field Processor



AI-NET

ERA-G320

Contents

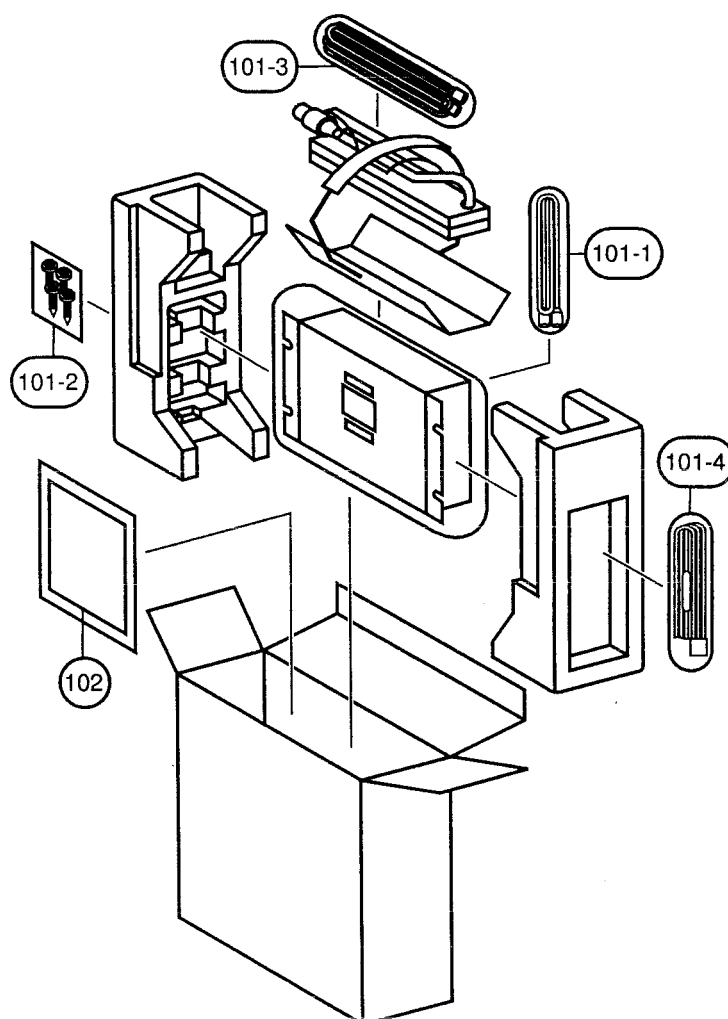
Packing Assembly Parts List	3
Packing Method View	3
Specifications	4
Block Diagram	5
Parts Layout on P.C. Boards and Wiring Diagram (1/2)	7 to 8
Parts Layout on P.C. Boards and Wiring Diagram (2/2)	9 to 10
Schematic Diagram (1/5)	11 to 13
Schematic Diagram (2/5)	14 to 16
Schematic Diagram (3/5)	17 to 19
Schematic Diagram (4/5)	20 to 22
Schematic Diagram (5/5)	23 to 25
Electrical Parts List	26 to 34
Exploded View (Cabinet)	35 to 38
Cabinet Assembly Parts List	39
Semiconductor Lead Identifications	40

Packing Assembly Parts List

Symbol No.	Part No.	Description	Symbol No.	Part No.	Description
101	01E24419S01	Assy., Kit Installation			
101-1	01T55561W32	Ai-NET Cable			
101-2	03E11447S01	Screw, TPG1 (M4X14)			
101-3	01E24397S01	Assy., DIN Cable (For Control Unit)			
101-4	01E24398S01	Assy., Battery Wire			
○ 102	68P80079W74	Owner's Manual			
△ 102	68P80079W78	Owner's Manual			

NOTE : ○ : For North American Model Only, △ : For General Foreign Model Only, Others : Common.

Packing Method View

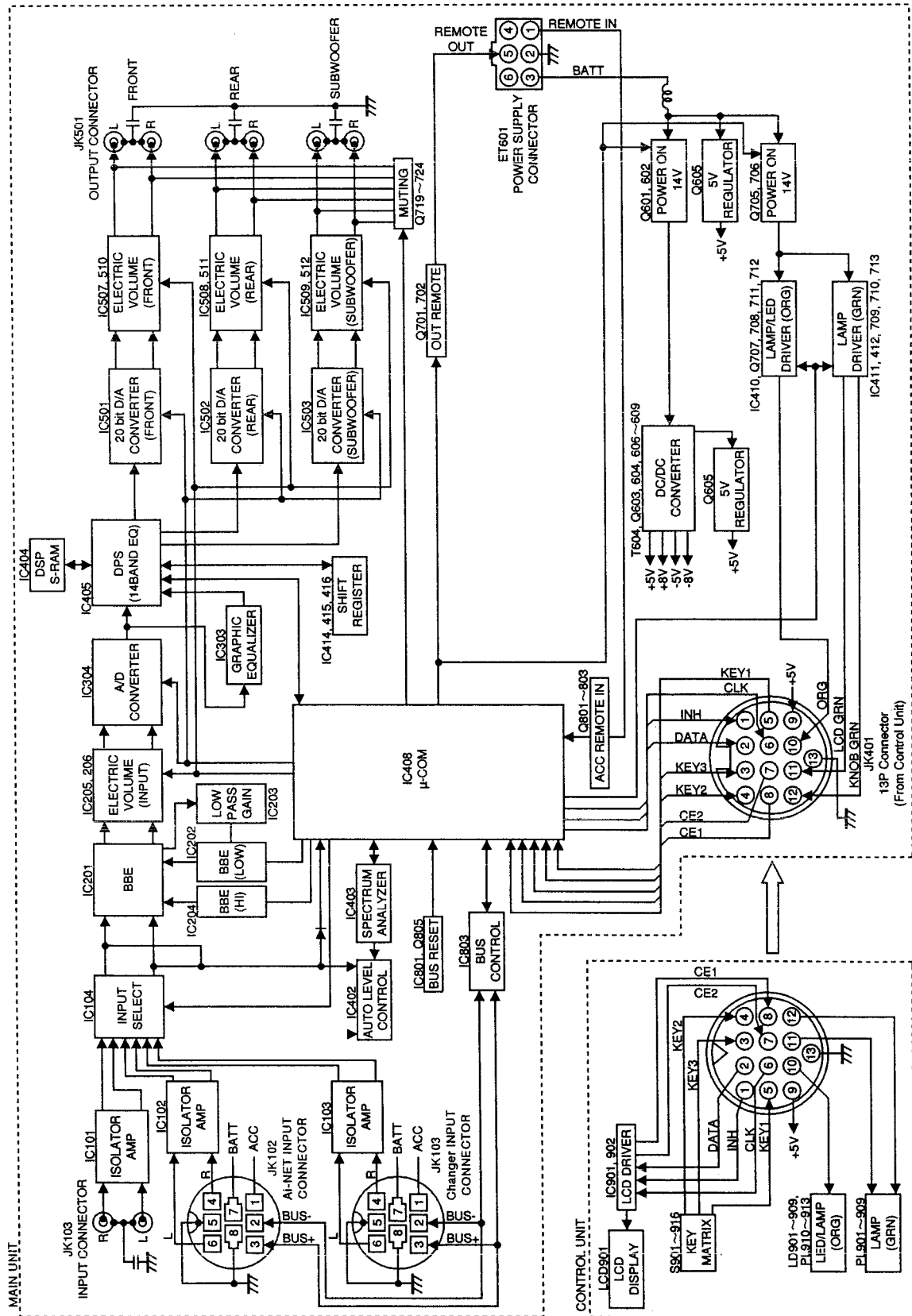


Specifications

Power Supply	DC14.4V (11~16V)
Total Harmonic Distortion (2V/Channel, 20kHz or 30kHz L.P.F.)	Front & Rear & Subwoofer : 0.1%
Input Impedance	10k ohm
Output Impedance	1k ohm
Residual Noise (S/N 80dB at 4V)	400 μ V
Frequency Response (1kHz)	Front, Rear, 30Hz ~15kHz : 0 $\pm$ 1dB Subwoofer, 45Hz ~15kHz : 0 $\pm$ 1dB
Channel Separation (20kHz or 30kHz L.P.F.)	55dB
Current Drain (at no signal)	1.5A
Frequency Shaping Equalizer Controls	Boost : 9 $\pm$ 2dB Cut : -10 $\pm$ 2dB
Subwoofer Control Effect (at 1KHz, ATT -20dB)	14.5 $\pm$ 2dB
Equalizer Band	50Hz, 80Hz, 140Hz, 200Hz, 315Hz, 500Hz, 800Hz, 1.2kHz, 2kHz, 3.2kHz, 5kHz, 8kHz, 11kHz, 16kHz
Semi-Conductors	51IC's, 45Transistors, 23Diodes, 14Zener Diodes
Dimensions (W×H×D)	Main Unit : 260×40×170mm Control Unit : 170×46×22mm
Weight	Main Unit : 1.1kg Control Unit : 180g

NOTE : Due to Continuing product improvement, specifications and designs are subject to change without notice.

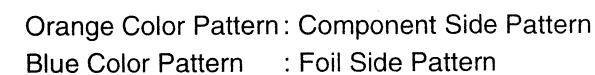
Block Diagram



MEMO

1

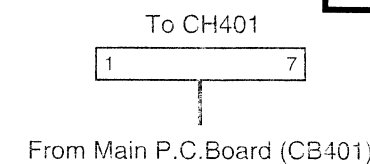
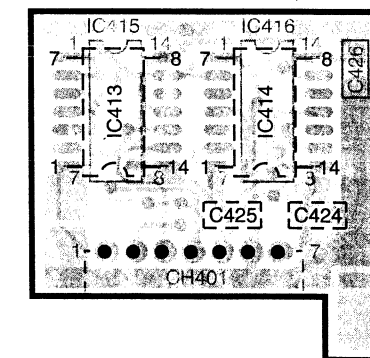
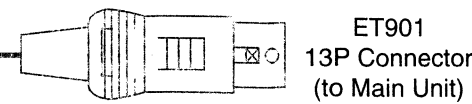
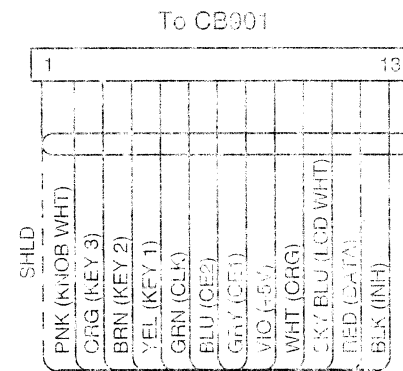
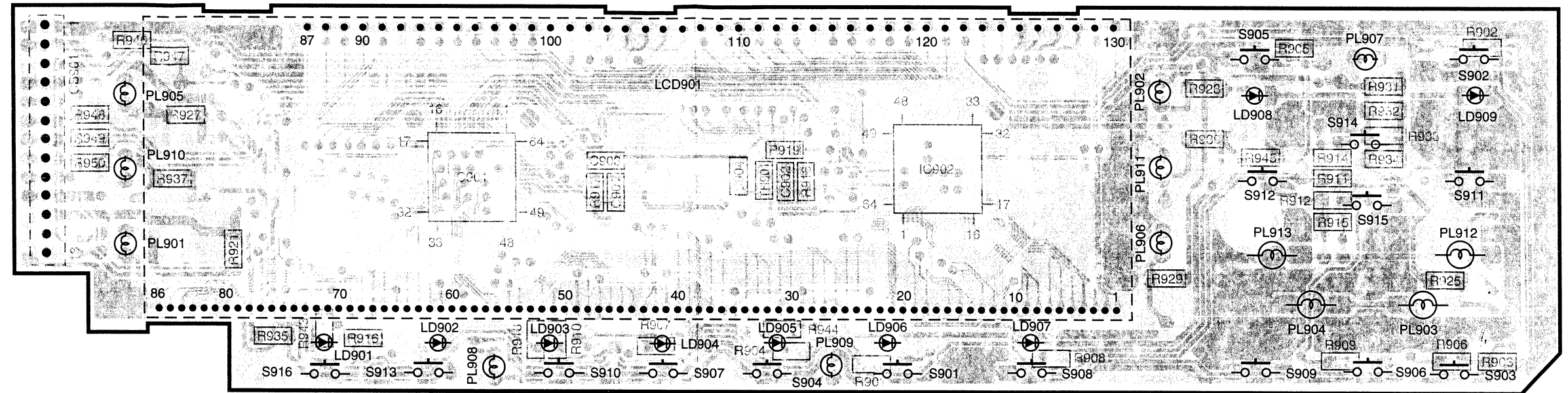
To CB40:



Parts Layout on P.C. Boards and Wiring Diagram (2/2)

All P.C. Boards viewed from soldered side.

Control P.C.Board

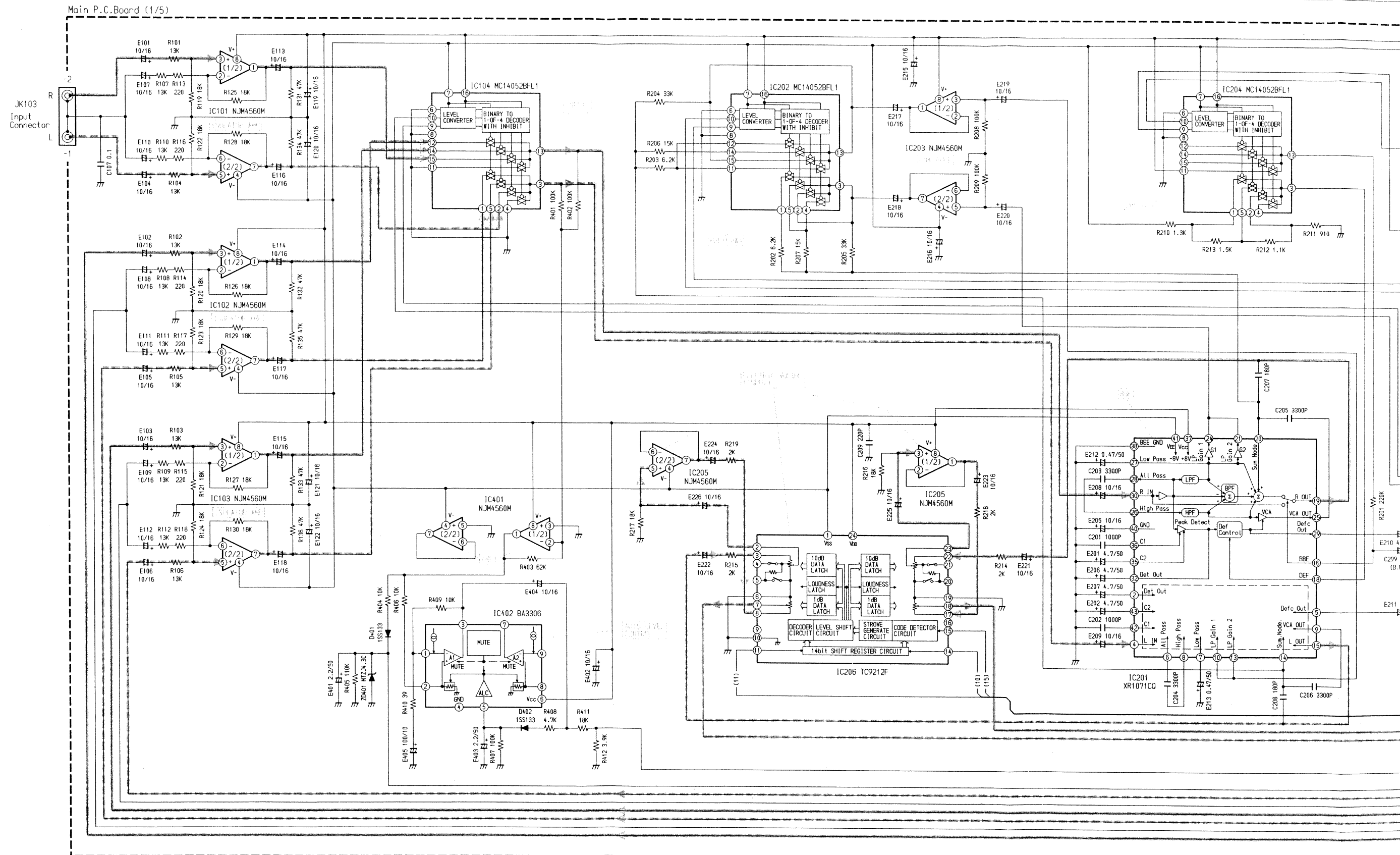


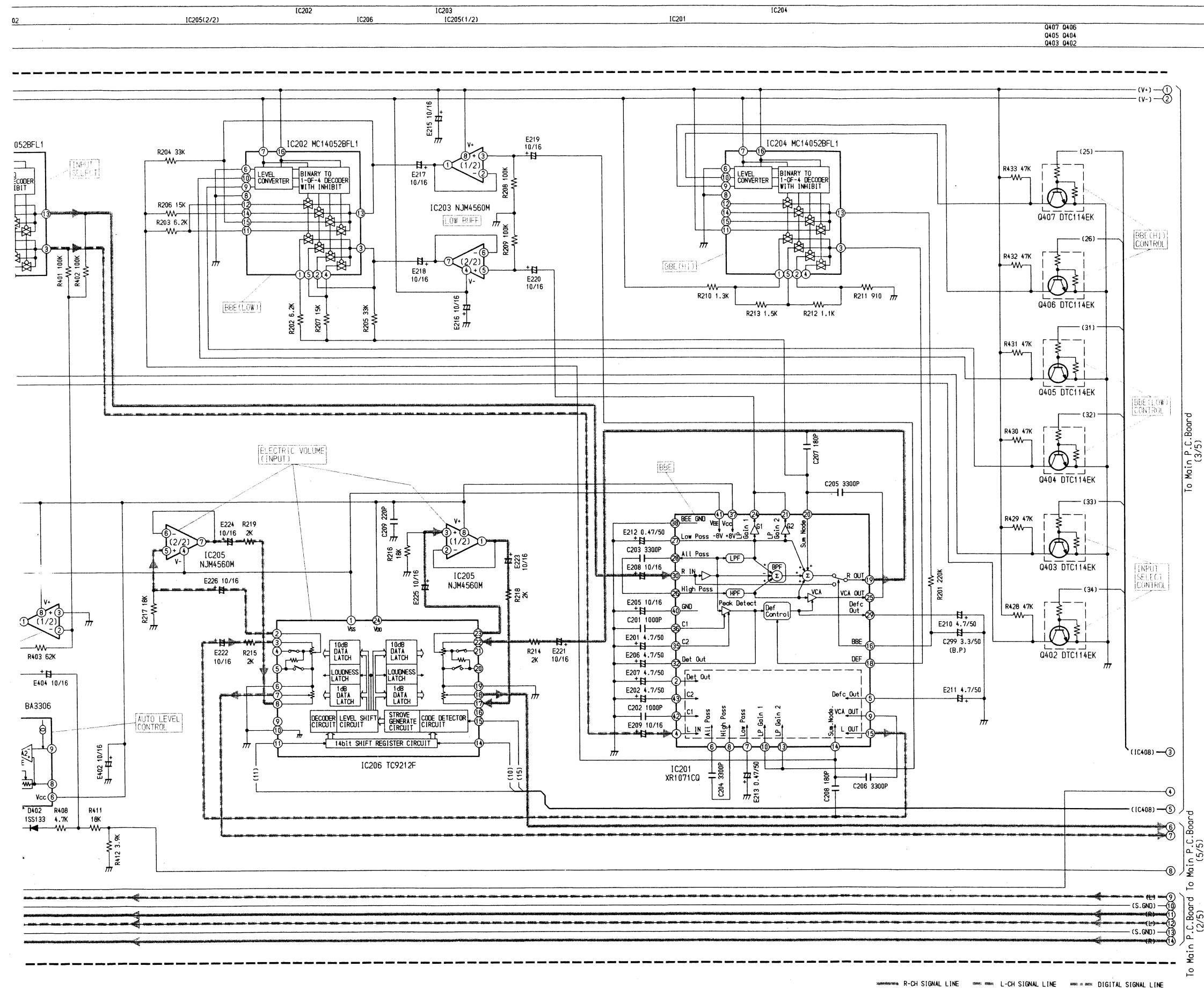
Mini P.C.Board

Orange Color Pattern : Component Side Pattern
Blue Color Pattern : Foil Side Pattern

Schematic Diagram (1/5)

IC	IC101 IC102 IC103	IC104 IC401 IC402	IC205(2/2)	IC202	IC206	IC203 IC205(1/2)	IC201	IC204
Transistor (Q)								



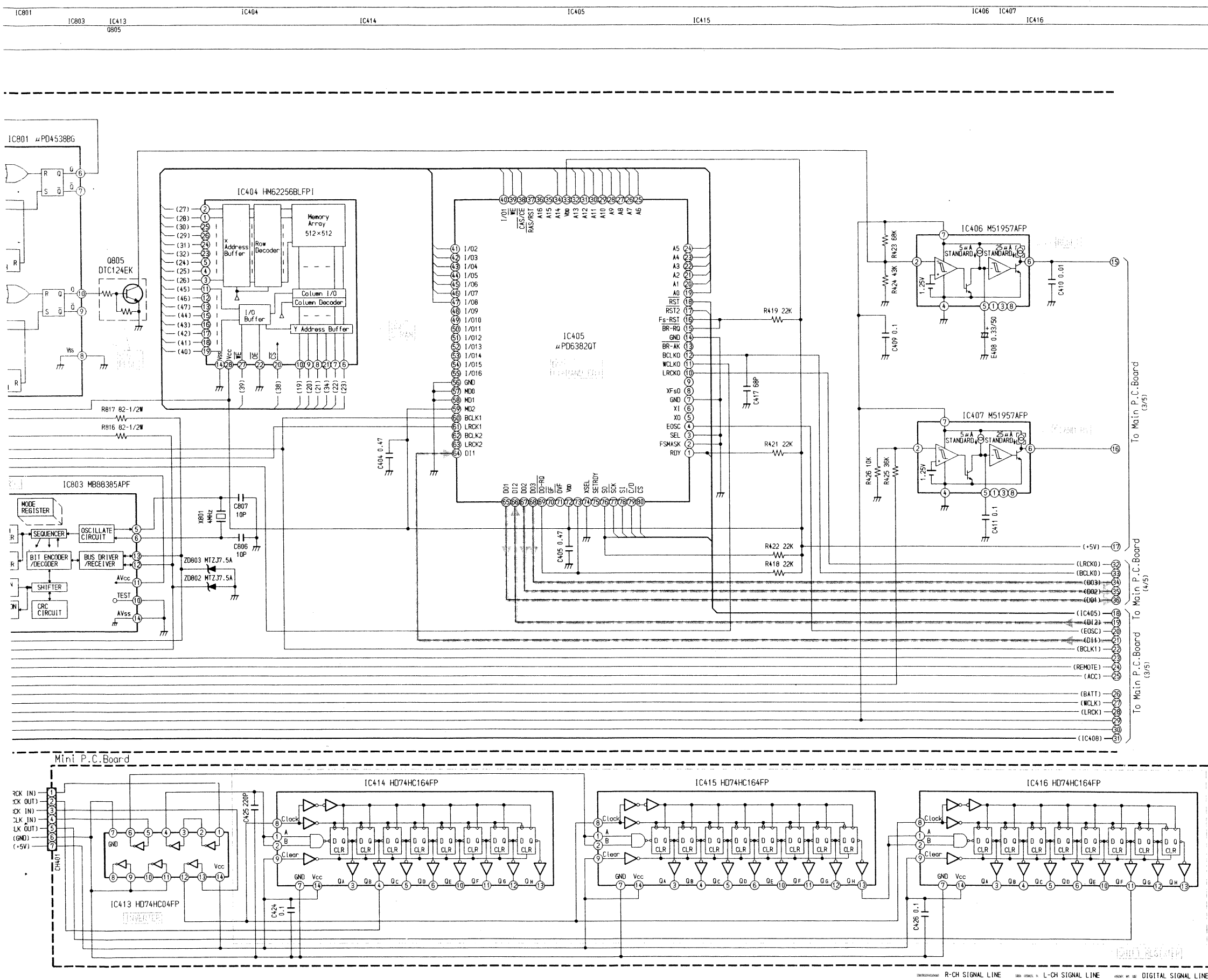


1

2

2





IC405

1	4.63V	25	4.75V	62, 63	NC	1	NC	1	NC	1, 2	2.2V
2, 3	0V	26-28	0V	64	0V	2	1.59V	2	2.74V	3	NC
4	1.82V	29	4.75V	65	3.5V	3	NC	3	NC	4	2.2V
5, 6	NC	30-32	0V	66	0V	4	0V	4	0V	5, 6	NC
7	0V	33	4.75V	67	0.62V	5	0.84V	5	0.85V	7	0V
8, 9	NC	34	0V	68	2.54V	6	4.8V	6	4.79V	8	2.16V
10	2.24V	35-37	NC	69	4.68V	7	4.87V	7	4.86V	9	4.72V
11	2.22V	38, 39	4.75V	70, 71	NC	8	NC	8	NC	10-13	NC
12	2.02V	40	0V	72	4.76V					14	4.72V

IC413

IC415			
1	2.19V	9	0V
2-4	2.2V	10	NC
5	2.19V	11	0V
6	2.2V	12	2.17V
7	0V	13	1.84V
8	NC	14	4.71V

IC415

1, 2	2.2V
3-6	NC
7	0V
8	2.18V
9	4.72V
10-12	NC
13	2.2V
14	4.72V

IC416

R001			R002			R003		
1, 2	2.2V	1 0V 9 NC	1 4.25V	1 4.82V 9 4.83V				
3-6	NC	2 0V 10 0V	2 1.17V	2 0V 10 0V				
7	0V	3 4.86V 11 3.86V	3 1.17V	3 0V 11 4.84V				
8	2.18V	4 0V 12 0V	4 0V	4 4.83V 12 1.68V				
9	4.72V	5 4.25V 13 0V	5 2.7V	5 1.45V 13 2.74V				
10	NC	6 0V 14 2.24V	6 1.64V	6 1.32V 14 0V				
11	2.2V	7 NC 15 0V	7 2.38V	7 4.63V 15 4.82V				
12, 13	NC	8 0V 16 4.86V	8 4.86V	8 0V 16 4.84V				
14	4.72V							

IC801

1	0V	5
2	0V	1
3	4.86V	1
4	0V	1
5	4.25V	1
6	0V	1
7	NC	1
8	0V	1

IC802

1	4.25V
2	1.17V
3	1.17V
4	0V
5	2.7V
6	1.64V
7	2.38V
8	4.86V

IC803

1	4.82V	9	4.83V
2	0V	10	0V
3	0V	11	4.84V
4	4.83V	12	1.68V
5	1.45V	13	2.74V
6	1.32V	14	0V
7	4.83V	15	4.82V
8	0V	16	4.84V

IC404

1	0V	16-19	4.75V
2	4.75V	20	2.07V
3-5	0V	21	1.67V
6	4.75V	22, 23	0V
7, 8	0V	24	4.76V
9	4.75V	25	4.75V
10	0V	26	0V
11, 12	4.75V	27, 28	4.76V
13-15	0V		

	E	C	B
Q801	4.86V	13.87V	5.44V
Q802	0V	0V	0.29V
Q803	13.87V	13.81V	0V
Q804	0V	0V	2.41V
Q805	0V	1.62V	0V

[Measuring Conditions]

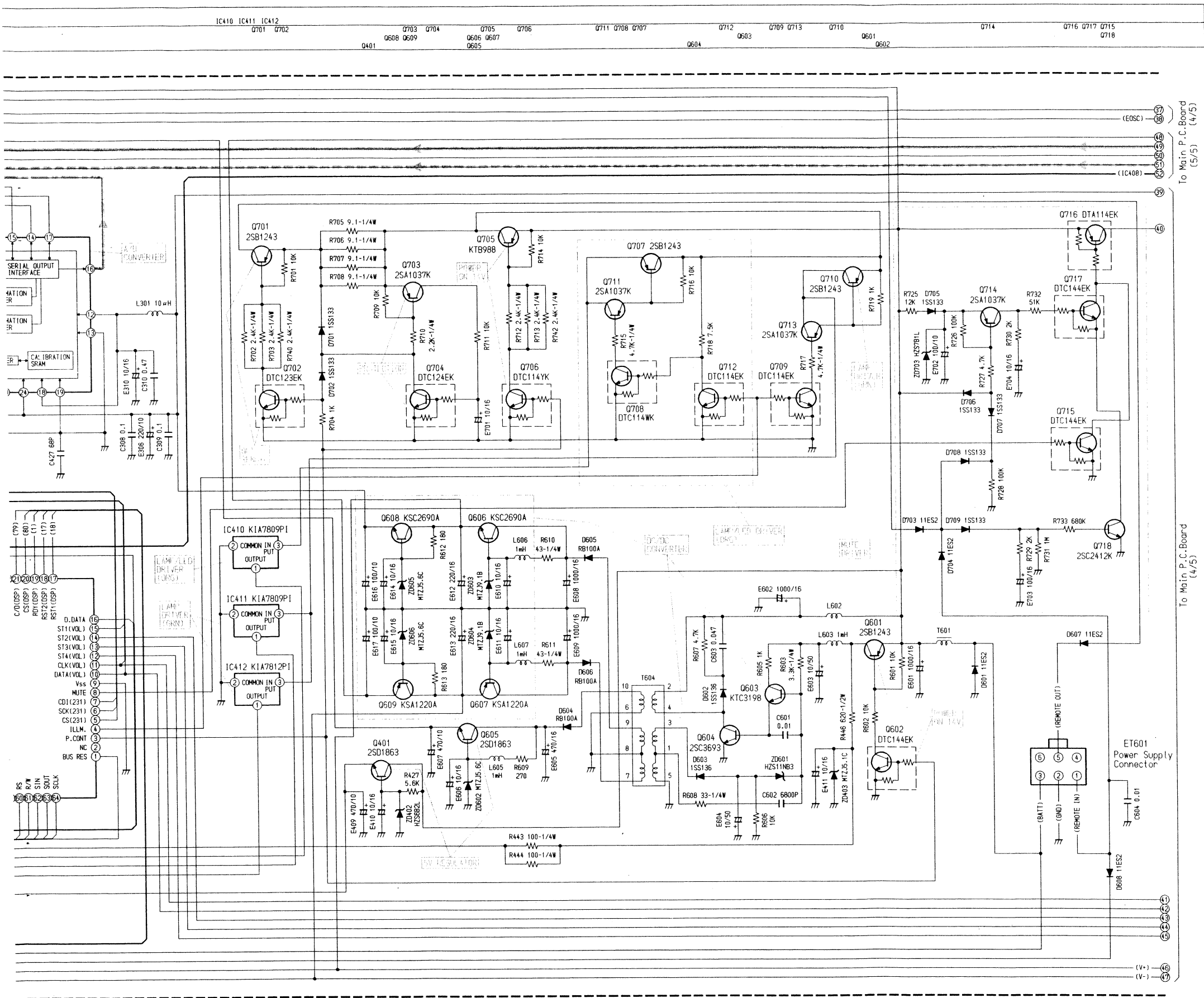
- Power Supply Voltage : DC14.4V
- Measuring Meter : Digital Multi Voltmeter
- Measuring Point Reference : Between Ground
- Measuring Conditions : No Signal Input

NOTE:

1. All resistance values are in ohms. $K = 1,000$
2. All capacitance values are in microfarads. $P = \frac{1}{1,000,000}$

5





IC303

1	0V	9	0V
2	1.81V	10	1.5V
3	NC	11	NC
4	2.24V	12	2.24V
5	1.88V	13	0V
6	NC	14	4.82V
7	1.69V	15	4.82V
8	4.76V	16	4.76V

IC408

1	4.82V	33	0V
2	NC	34	4.82V
3	4.68V	35	4.8V
4	4.75V	36, 37	0V
5, 6	4.82V	38	4.8V
7	0V	39	4.85V
8	4.82V	40	4.87V
9	0V	41	2.2V
10	4.82V	42	0.96V
11-16	0V	43	0V
17, 18	4.83V	44	NC
19	4.65V	45	4.69V
20	4.83V	46-48	0V
21	4.84V	49-51	4.75V
22-25	0V	52-54	0V
26	4.81V	55	4.86V
27	1.96V	56	4.87V
28	2.69V	57	4.64V
29, 30	1.52V	58-61	4.83V
31	0V	62, 63	0V
32	4.82V	64	4.83V

IC304

1, 2	2.2V	16	0V
3	2.18V	17	2.24V
4	4.82V	18	4.78V
5	0V	19	0V
6-9	NC	20	1.81V
10	0V	21-23	NC
11	NC	24	4.82V
12	4.8V	25	NC
13	0V	26	2.18V
14	2.24V	27	2.21V
15	1.88V	28	2.2V

IC409

1	NC
2	0V
3	0V
4	4.71V
5	4.71V

IC410

1	0V
2	0V
3	0V

IC411

1	8.72V
2	0V
3	12.78V

IC412

1	11.1V
2	0V
3	12.64V

	E	C	B		E	C	B
Q401	4.9V	13.82V	5.48V	Q705	13.9V	13.73V	13.18V
Q601	14.1V	14.08V	13.48V	Q706	0V	0V	4.8V
Q602	0V	0V	4.92V	Q707	13.69V	0V	0V
Q603	0V	12.87V	0V	Q708	0V	12.05V	0V
Q604	0V	13.83V	0V	Q709	0V	0V	4.77V
Q605	4.94V	7.13V	5.56V	Q710	13.66V	12.99V	13V
Q606	7.86V	8.6V	8.54V	Q711	0V	0V	0V
Q607	-8.35V	-9.32V	-9.02V	Q712	0V	0V	4.77V
Q608	4.97V	8.6V	5.6V	Q713	13.01V	13V	12.31V
Q609	-5.39V	-8.37V	-5.97V	Q714	6.64V	0V	6.08V
Q701	13.72V	13.71V	13.03V	Q715	0V	0V	4.85V
Q702	0V	0V	3.41V	Q716	13.87V	13.79V	0V
Q703	13.73V	0V	13.59V	Q717	0V	0V	0V
Q704	0V	13.56V	0V	Q718	0V	0V	0V

[Measuring Conditions]

- Power Supply Voltage : DC14.4V
- Measuring Meter : Digital Multi Voltmeter
- Measuring Point Reference : Between Ground
- Measuring Conditions : No Signal Input

NOTE:

1. All resistance values are in ohms. K = 1,000
2. All capacitance values are in microfarads. P = $\frac{1}{1,000,000}$



IC504, 505, 506, 507, 508, 509, 513, 514	IC501	IC502	IC503
1-3 0V	1 4.72V	1,2 4.76V	1,2 4.76V
4 -8.57V	2 4.71V	3 0V	3 0V
5-7 0V	3 0V	4 NC	4 NC
8 7.69V	4 1.99V	5 1.82V	5 1.81V
	5 1.95V	6 4.76V	6 4.76V
	6 4.76V	7 2.02V	7 2.01V
	7 2.01V	8 0V	8 0V
	8 0V	9 2.24V	9 2.22V
	9 2.24V	10, 11 NC	10, 11 NC
1-3 0V	10, 11 NC	12 4.76V	12 4.76V
4 -8.58V	12 4.72V	13 0V	13 0V
5-7 0V	13 0V	14 4.78V	14 4.76V
8 7.68V	14 4.72V	15, 16 NC	15, 16 NC
	15, 16 NC	17-19 2.2V	17 2.2V
	17-19 2.21V	20 4.85V	18, 19 2.19V
	20 4.82V	21 0V	20 4.81V
	21 0V	22 4.82V	21 0V
	22 4.81V	23, 24 NC	22 4.81V
	23, 24 NC		23, 24 NC

IC510		IC511		IC512	
1	-8.59V	1	-8.57V	1	-4.47V
2,3	0V	2,3	0V	2,3	0V
4,5	NC	4,5	NC	4,5	NC
6-6	0V	6-8	0V	6-8	0V
9	NC	9	NC	9	NC
10,11	0V	10,11	0V	10,11	0V
12,13	NC	12,13	NC	12,13	NC
14	4.82V	14	4.81V	14	4.8V
15	0V	15	0V	15	0V
16	NC	16	NC	16	NC
17-19	0V	17-19	0V	17-19	0V
20,21	NC	20,21	NC	20,21	NC
22,23	0V	22,23	0V	22,23	0V
24	7.7V	24	7.72V	24	7.6V

	E	C	B
Q719	0V	0V	0.35V
Q720	0V	0V	0.35V
Q721	0V	0V	0.35V
Q722	0V	0V	0.35V
Q723	0V	0V	0.35V
Q724	0V	0V	0.35V

- Power Supply Voltage : DC14.4V
- Measuring Meter : Digital Multi Voltmeter
- Measuring Point Reference : Between Ground
- Measuring Conditions : No Signal Input

NOTE:

1. All resistance values are in ohms. $K = 1,000$
2. All capacitance values are in microfarads. $P = \frac{1}{1,000,000}$

1

Electrical Parts List

Resistor : Carbon resistors under 1/4 watts are not mentioned in the parts list, please confirm them by schematic diagram.

Capacitor : μF=microfarads,pF=picofarads

Abbreviations			Symbol No.	Part No.	Description
RES.= Resistor	CAP.= Capacitor		IC510	51T75584W01	TC9212F
C.F.= Carbon Film	ELY.= Electrolytic		IC511	51T75584W01	TC9212F
M.F.= Metal Film	CER.= Ceramic		IC512	51T75584W01	TC9212F
M.O.= Metal Oxide Film	MYL.= Mylar		IC513	51E22130S01	NJM4560M
M.P.= Metal Plate	TAN.= Tantalum		IC514	51E22130S01	NJM4560M
TR.= Transistor	POLY.= Polystyrol		IC515	51E22130S01	NJM4560M
TRANS.= Transformer	PP.= Polypropylene		IC516	51T15731W05	TC7S04F
CP.= Chip	PLT.= Polyethylene		IC801	51T90267F02	μPD4538BG
	PF.= Polyester Film		IC802	51E23843S01	NJM2903M
			IC803	51T55070W04	MB88385APF
Main P.C.Baord			Transistors		
IC's			Q401	48E22911S01	2SD1863
IC101	51E22130S01	NJM4560M	Q402	48E22093S01	CP., DTC114EK
IC102	51E22130S01	NJM4560M	Q403	48E22093S01	CP., DTC114EK
IC103	51E22130S01	NJM4560M	Q404	48E22093S01	CP., DTC114EK
IC104	51T15630W03	MC14052BFLI	Q405	48E22093S01	CP., DTC114EK
IC201	51E24382S01	XR1071CQ	Q406	48E22093S01	CP., DTC114EK
IC202	51T15630W03	MC14052BFLI	Q407	48E22093S01	CP., DTC114EK
IC203	51E22130S01	NJM4560M	Q601	48E23853S01	2SB1243
IC204	51T15630W03	MC14052BFLI	Q602	48E22555S01	CP., DTC144EK
IC205	51E22130S01	NJM4560M	Q603	48E09088S02	KTC3198
IC206	51T75584W01	TC9212F	Q604	48E22877S01	2SC3693
IC301	51E22130S01	NJM4560M	Q605	48E22911S01	2SD1863
IC302	51E24381S01	NJM2100M	Q606	48E10027S01	KSC2690A
IC303	51T85318W01	YSS231	Q607	48E05943S01	KSA1220A
IC304	51T75360W01	AK5340	Q608	48E10027S01	KSC2690A
IC401	51E22130S01	NJM4560M	Q609	48E05943S01	KSA1220A
IC402	51E22887S01	BA3306	Q701	48E23853S01	2SB1243
IC403	51E24346S01	XR1092CP	Q702	48E24407S01	CP., DTC123EK
IC404	51T85173W01	HM62256BLFPI	Q703	48E22900S01	CP., 2SA1037K
IC405	51T85199W01	μPD6382QT	Q704	48E10426S01	CP., DTC124EK
IC406	51T94896F03	M51957AFP	Q705	48E24349S01	KT8988
IC407	51T94896F03	M51957AFP	Q706	48E22094S01	CP., DTC114YK
IC408	51T45552W69	45552W69	Q707	48E23853S01	2SB1243
IC409	51T15731W05	TC7S04F	Q708	48E24365S01	CP., DTC114WK
IC410	51E24402S01	KIA7809PI	Q709	48E22093S01	CP., DTC114EK
IC411	51E24402S01	KIA7809PI	Q710	48E23853S01	2SB1243
IC412	51E24403S01	KIA7812PI	Q711	48E22900S01	CP., 2SA1037K
IC501	51T85201W01	AK4320	Q712	48E22093S01	CP., DTC114EK
IC502	51T85201W01	AK4320	Q713	48E22900S01	CP., 2SA1037K
IC503	51T85201W01	AK4320	Q714	48E22900S01	CP., 2SA1037K
IC504	51E22130S01	NJM4560M	Q715	48E22555S01	CP., DTC144EK
IC505	51E22130S01	NJM4560M	Q716	48E22901S01	CP., DTA114EK
IC506	51E22130S01	NJM4560M			
IC507	51E22130S01	NJM4560M			
IC508	51E22130S01	NJM4560M			
IC509	51E22130S01	NJM4560M			

Symbol No.	Part No.	Description	Symbol No.	Part No.	Description
Q717	48E22555S01	CP., DTC144EK	ZD605	48E24378S01	Zener, MTZJ5.6C
Q718	48E22902S01	CP., 2SC2412K	ZD606	48E24378S01	Zener, MTZJ5.6C
Q719	48T63788F01	CP., 2SD1328	ZD703	48T83128F13	Zener, HZS7B1L
Q720	48T63788F01	CP., 2SD1328	ZD801	48E24378S01	Zener, MTZJ5.6C
Q721	48T63788F01	CP., 2SD1328	ZD802	48E24379S01	Zener, MTZJ7.5A
Q722	48T63788F01	CP., 2SD1328	ZD803	48E24379S01	Zener, MTZJ7.5A
Q723	48T63788F01	CP., 2SD1328	ZD804	48E23607S01	Zener, MTZJ5.6B
Q724	48T63788F01	CP., 2SD1328			
Q801	48E22911S01	2SD1863			
Q802	48E22902S01	CP., 2SC2412K			
Q803	48E22092S01	CP., DTA124EK			
Q804	48E24364S01	CP., DTC144WK			
Q805	48E10426S01	CP., DTC124EK			
Diodes			Coils		
D401	48E22916S01	1SS133	L301	24E24380S01	Inductor, 10μH
D402	48E22916S01	1SS133	L602	24E24352S01	Choke
D601	48E20758S01	11ES2	L603	24E09406S01	Inductor, 1mH
D602	48E23543S01	1SS136	L605	24E09406S01	Inductor, 1mH
D603	48E23543S01	1SS136	L606	24E09406S01	Inductor, 1mH
D604	48E22942S01	RB100A	L607	24E09406S01	Inductor, 1mH
D605	48E22942S01	RB100A			
D606	48E22942S01	RB100A			
D607	48E20758S01	11ES2			
D608	48E20758S01	11ES2			
D609	48T68580F03	DSA3A4	Crystals		
D701	48E22916S01	1SS133	X402	91T15285W09	CER., Lock 8MHz
D702	48E22916S01	1SS133	X501	91T25806W92	16.9344MHz
D703	48E20758S01	11ES2	X801	91T25773W16	4MHz
D704	48E20758S01	11ES2			
D705	48E22916S01	1SS133	Transformers		
D706	48E22916S01	1SS133	T601	25E24351S01	Choke
D707	48E22916S01	1SS133	T604	25E24399S01	DC-DC
D708	48E22916S01	1SS133			
D709	48E22916S01	1SS133			
D801	48E20758S01	11ES2	Capacitors		
D802	48E22916S01	1SS133	E101	23E08383S08	ELY., 10μF / 16V
D803	48E22916S01	1SS133	E102	23E08383S08	ELY., 10μF / 16V
ZD401	48E24376S01	Zener, MTZJ4.3C	E103	23E08383S08	ELY., 10μF / 16V
ZD402	48T83128F05	Zener, HZS6B2L	E104	23E08383S08	ELY., 10μF / 16V
ZD403	48E24377S01	Zener, MTZJ5.1C	E105	23E08383S08	ELY., 10μF / 16V
ZD601	48T90517F49	Zener, HZS11NB3	E106	23E08383S08	ELY., 10μF / 16V
ZD602	48E24378S01	Zener, MTZJ5.6C	C107	08E22088S01	CP., 0.1μF
ZD603	48E22162S01	Zener, MTZJ9.1B	E107	23E08383S08	ELY., 10μF / 16V
ZD604	48E22162S01	Zener, MTZJ9.1B	C108	08E22549S01	CP., 68pF
			E108	23E08383S08	ELY., 10μF / 16V
			C109	08E22549S01	CP., 68pF
			E109	23E08383S08	ELY., 10μF / 16V
			C110	08E22549S01	CP., 68pF
			E110	23E08383S08	ELY., 10μF / 16V
			E111	23E08383S08	ELY., 10μF / 16V

Symbol No.	Symbol No.
E112	E112
E113	E113
E114	E114
E115	E115
E116	E116
E117	E117
E118	E118
C119	C119
E119	E119
E120	E120
E121	E121
E122	E122
C151	C151
C152	C152
C153	C153
Q201	Q201
E201	E201
Q202	Q202
E202	E202
Q203	Q203
C204	C204
Q205	Q205
E205	E205
Q206	Q206
E206	E206
Q207	Q207
E207	E207
Q208	Q208
E208	E208
Q209	Q209
E209	E209
E210	E210
E211	E211
E212	E212
E213	E213
E215	E215
E216	E216
E217	E217
E218	E218
E219	E219
E220	E220
E221	E221
E222	E222
E223	E223
E224	E224
E225	E225
E226	E226
Q299	Q299
Q301	Q301

Symbol No.	Part No.	Description
Q717	48E22555S01	CP., DTC144EK
Q718	48E22902S01	CP., 2SC2412K
Q719	48T63788F01	CP., 2SD1328
Q720	48T63788F01	CP., 2SD1328
Q721	48T63788F01	CP., 2SD1328
Q722	48T63788F01	CP., 2SD1328
Q723	48T63788F01	CP., 2SD1328
Q724	48T63788F01	CP., 2SD1328
Q801	48E22911S01	2SD1863
Q802	48E22902S01	CP., 2SC2412K
Q803	48E22092S01	CP., DTA124EK
Q804	48E24364S01	CP., DTC144WK
Q805	48E10426S01	CP., DTC124EK

Diodes

D401	48E22916S01	1SS133
D402	48E22916S01	1SS133
D601	48E20758S01	11ES2
D602	48E23543S01	1SS136
D603	48E23543S01	1SS136
D604	48E22942S01	RB100A
D605	48E22942S01	RB100A
D606	48E22942S01	RB100A
D607	48E20758S01	11ES2
D608	48E20758S01	11ES2
D609	48T60580F03	DSA3A4
D701	48E22916S01	1SS133
D702	48E22916S01	1SS133
D703	48E20758S01	11ES2
D704	48E20758S01	11ES2
D705	48E22916S01	1SS133
D706	48E22916S01	1SS133
D707	48E22916S01	1SS133
D708	48E22916S01	1SS133
D709	48E22916S01	1SS133
D801	48E20758S01	11ES2
D802	48E22916S01	1SS133
D803	48E22916S01	1SS133
ZD401	48E24376S01	Zener, MTZJ4.3C
ZD402	48T83128F05	Zener, HZS6B2L
ZD403	48E24377S01	Zener, MTZJ5.1C
ZD601	48T90517F49	Zener, HZS11NB3
ZD602	48E24378S01	Zener, MTZJ5.6C
ZD603	48E22162S01	Zener, MTZJ9.1B
ZD604	48E22162S01	Zener, MTZJ9.1B

Symbol No.	Part No.	Description
ZD605	48E24378S01	Zener, MTZJ5.6C
ZD606	48E24378S01	Zener, MTZJ5.6C
ZD703	48T83128F13	Zener, HZS7B1L
ZD801	48E24378S01	Zener, MTZJ5.6C
ZD802	48E24379S01	Zener, MTZJ7.5A
ZD803	48E24379S01	Zener, MTZJ7.5A
ZD804	48E23607S01	Zener, MTZJ5.6B

Coils

L301	24E24380S01	Inductor, 10μH
L602	24E24352S01	Choke
L603	24E09406S01	Inductor, 1mH
L605	24E09406S01	Inductor, 1mH
L606	24E09406S01	Inductor, 1mH
L607	24E09406S01	Inductor, 1mH

Crystals

X402	91T15285W09	CER., Lock 9MHz
X501	91T25806W92	16.9344MHz
X801	91T25773W16	4MHz

Transformers

T601	25E24351S01	Choke
T604	25E24399S01	DC-DC

Capacitors

E101	23E08383S08	ELY., 10μF / 16V
E102	23E08383S08	ELY., 10μF / 16V
E103	23E08383S08	ELY., 10μF / 16V
E104	23E08383S08	ELY., 10μF / 16V
E105	23E08383S08	ELY., 10μF / 16V
E106	23E08383S08	ELY., 10μF / 16V
C107	08E22088S01	CP., 0.1μF
E107	23E08383S08	ELY., 10μF / 16V
C108	08E22549S01	CP., 68pF
E108	23E08383S08	ELY., 10μF / 16V
C109	08E22549S01	CP., 68pF
E109	23E08383S08	ELY., 10μF / 16V
C110	08E22549S01	CP., 68pF
E110	23E08383S08	ELY., 10μF / 16V
E111	23E08383S08	ELY., 10μF / 16V

Symbol No.	Part No.	Description
E112	23E08383S08	ELY., 10μF / 16V
E113	23E08383S08	ELY., 10μF / 16V
E114	23E08383S08	ELY., 10μF / 16V
E115	23E08383S08	ELY., 10μF / 16V
E116	23E08383S08	ELY., 10μF / 16V
E117	23E08383S08	ELY., 10μF / 16V
E118	23E08383S08	ELY., 10μF / 16V
C119	08E22088S01	CP., 0.1μF
E119	23E08383S08	ELY., 10μF / 16V
E120	23E08383S08	ELY., 10μF / 16V
E121	23E08383S08	ELY., 10μF / 16V
E122	23E08383S08	ELY., 10μF / 16V
C151	08E22966S01	CP., 0.47μF
C152	08E22549S01	CP., 68pF
C153	08E22549S01	CP., 68pF
C201	08E22081S01	CP., 1000pF
E201	23E08383S16	ELY., 4.7μF / 50V
C202	08E22081S01	CP., 1000pF
E202	23E08383S16	ELY., 4.7μF / 50V
C203	08E20767S01	CP., 3300pF
C204	08E20767S01	CP., 3300pF
C205	08E20767S01	CP., 3300pF
E205	23E08383S08	ELY., 10μF / 16V
C206	08E20767S01	CP., 3300pF
E206	23E08383S16	ELY., 4.7μF / 50V
C207	08E22510S01	CP., 180pF
E207	23E08383S16	ELY., 4.7μF / 50V
C208	08E22510S01	CP., 180pF
E208	23E08383S08	ELY., 10μF / 16V
C209	08E24373S01	CER., 220pF
E209	23E08383S08	ELY., 10μF / 16V
E210	23E08383S16	ELY., 4.7μF / 50V
E211	23E08383S16	ELY., 4.7μF / 50V
E212	23E08383S10	ELY., 0.47μF / 50V
E213	23E08383S10	ELY., 0.47μF / 50V
E215	23E08383S08	ELY., 10μF / 16V
E216	23E08383S08	ELY., 10μF / 16V
E217	23E08383S08	ELY., 10μF / 16V
E218	23E08383S08	ELY., 10μF / 16V
E219	23E08383S08	ELY., 10μF / 16V
E220	23E08383S08	ELY., 10μF / 16V
E221	23E08383S08	ELY., 10μF / 16V
E222	23E08383S08	ELY., 10μF / 16V
E223	23E08383S08	ELY., 10μF / 16V
E224	23E08383S08	ELY., 10μF / 16V
E225	23E08383S08	ELY., 10μF / 16V
E226	23E08383S08	ELY., 10μF / 16V
C299	23E22909S01	ELY., (B.P.) 3.3μF / 50V
C301	08E22088S01	CP., 0.1μF

Symbol No.	Part No.	Description
E301	23E08383S08	ELY., 10μF / 16V
C302	08E20550S01	CP., 22pF
E302	23E08383S08	ELY., 10μF / 16V
C303	08E20550S01	CP., 22pF
E303	23E08383S13	ELY., 22μF / 16V
E304	23E08383S13	ELY., 22μF / 16V
C305	08E24375S01	CER., 3300pF
E305	23E08383S08	ELY., 10μF / 16V
C306	08E24375S01	CER., 3300pF
E306	23E23848S01	ELY., 220μF / 10V
C307	08E22088S01	CP., 0.1μF
E307	23E08383S08	ELY., 10μF / 16V
C308	08E24374S01	CER., 0.1μF
E308	23E08383S08	ELY., 10μF / 16V
C309	08E24374S01	CER., 0.1μF
E309	23E08383S08	ELY., 10μF / 16V
C310	08E22966S01	CP., 0.47μF
E310	23E08383S08	ELY., 10μF / 16V
C311	08E22088S01	CP., 0.1μF
C312	08E22966S01	CP., 0.47μF
C401	08E08423S07	CP., 220pF
E401	23E22905S01	ELY., 2.2μF / 50V
C402	08E22088S01	CP., 0.1μF
E402	23E08383S08	ELY., 10μF / 16V
C403	08E22088S01	CP., 0.1μF
E403	23E22905S01	ELY., 2.2μF / 50V
C404	08E22966S01	CP., 0.47μF
E404	23E08383S08	ELY., 10μF / 16V
C405	08E22966S01	CP., 0.47μF
E405	23E20849S01	ELY., 100μF / 10V
E406	23E08383S08	ELY., 10μF / 16V
E407	23E08383S08	ELY., 10μF / 16V
E408	23E08383S09	ELY., 0.33μF / 50V
C409	08E22088S01	CP., 0.1μF
E409	23E24370S01	ELY., 470μF / 10V
C410	08E22088S01	CP., 0.01μF
E410	23E08383S08	ELY., 10μF / 16V
C411	08E22088S01	CP., 0.1μF
E411	23E08383S08	ELY., 10μF / 16V
C412	08E22088S01	CP., 0.1μF
C413	08E22549S01	CP., 68pF
C414	08E22549S01	CP., 68pF
C415	08E22549S01	CP., 68pF
C417	08E22549S01	CP., 68pF
C418	08E22549S01	CP., 68pF
C419	08E22549S01	CP., 68pF
C420	08E22549S01	CP., 68pF
C421	08E22549S01	CP., 68pF
C422	08E22549S01	CP., 68pF

Symbol No.	Part No.	Description	Symbol No.	Part No.	Description
C423	08E22549S01	CP., 68pF	E535	23E08383S10	ELY., 0.47μF / 50V
C427	08E20916S01	CER., 68pF	E536	23E20209S01	ELY., 0.22μF / 50V
C428	08E22077S01	CP., 47pF	E537	23E08383S10	ELY., 0.47μF / 50V
C501	08E08423S03	CP., 10pF	E538	23E08383S10	ELY., 0.47μF / 50V
E501	23E08383S08	ELY., 10μF / 16V	E539	23E20209S01	ELY., 0.22μF / 50V
C502	08E08423S03	CP., 10pF	E540	23E08383S16	ELY., 4.7μF / 50V
E502	23E08383S08	ELY., 10μF / 16V	E541	23E08383S16	ELY., 4.7μF / 50V
C503	08E22088S01	CP., 0.1μF	E542	23E08383S15	ELY., 1μF / 50V
E503	23E08383S08	ELY., 10μF / 16V	E543	23E08383S16	ELY., 4.7μF / 50V
C504	08E22088S01	CP., 0.1μF	E544	23E08383S16	ELY., 4.7μF / 50V
E504	23E23848S01	ELY., 220μF / 10V	E545	23E08383S15	ELY., 1μF / 50V
C505	08E22088S01	CP., 0.1μF	E546	23E08383S10	ELY., 0.47μF / 50V
E505	23E23848S01	ELY., 220μF / 10V	E547	23E08383S10	ELY., 0.47μF / 50V
C506	08E22088S01	CP., 0.1μF	E548	23E08383S10	ELY., 0.47μF / 50V
E506	23E23848S01	ELY., 220μF / 10V	E549	23E08383S10	ELY., 0.47μF / 50V
C507	08E22088S01	CP., 0.1μF	E550	23E08383S10	ELY., 0.47μF / 50V
E507	23E20849S01	ELY., 100μF / 10V	E551	23E08383S10	ELY., 0.47μF / 50V
C508	08E22088S01	CP., 0.1μF	E558	23E08383S08	ELY., 10μF / 16V
E508	23E20849S01	ELY., 100μF / 10V	E559	23E08383S08	ELY., 10μF / 16V
C509	08E22088S01	CP., 0.1μF	E560	23E08383S08	ELY., 10μF / 16V
E509	23E20849S01	ELY., 100μF / 10V	E561	23E08383S08	ELY., 10μF / 16V
C510	08E22088S01	CP., 0.1μF	E562	23E08383S08	ELY., 10μF / 16V
C511	08E22088S01	CP., 0.1μF	E563	23E08383S08	ELY., 10μF / 16V
C512	08E22088S01	CP., 0.1μF	C601	08E22083S01	CP., 0.01μF
C513	08E22088S01	CP., 0.1μF	E601	23E24367S01	ELY., 1000μF / 16V
C514	08E22088S01	CP., 0.1μF	C602	08E22089S01	CP., 6800pF
E516	23E08383S15	ELY., 1μF / 50V	E602	23E09551S07	ELY., 1000μF / 16V
E517	23E08383S15	ELY., 1μF / 50V	C603	08E22087S01	CP., 0.047μF
E518	23E08383S10	ELY., 0.47μF / 50V	E603	23E24368S01	ELY., 10μF / 50V
E519	23E08383S15	ELY., 1μF / 50V	C604	08E20216S01	MYL., 0.01μF
E520	23E08383S15	ELY., 1μF / 50V	E604	23E24368S01	ELY., 10μF / 50V
E521	23E08383S10	ELY., 0.47μF / 50V	E605	23E24400S01	ELY., 470μF / 16V
E522	23E22905S01	ELY., 2.2μF / 50V	E606	23E08383S08	ELY., 10μF / 16V
C523	08E22966S01	CP., 0.47μF	E607	23E22906S01	ELY., 470μF / 10V
E523	23E22905S01	ELY., 2.2μF / 50V	E608	23E09551S07	ELY., 1000μF / 16V
C524	08E22966S01	CP., 0.47μF	E609	23E09551S07	ELY., 1000μF / 16V
E524	23E08383S15	ELY., 1μF / 50V	E610	23E08383S08	ELY., 10μF / 16V
C525	08E22966S01	CP., 0.47μF	E611	23E08383S08	ELY., 10μF / 16V
E525	23E22905S01	ELY., 2.2μF / 50V	E612	23E20210S01	ELY., 220μF / 16V
C526	08E20916S01	CER., 68pF	E613	23E20210S01	ELY., 220μF / 16V
E526	23E22905S01	ELY., 2.2μF / 50V	E614	23E08383S08	ELY., 10μF / 16V
E527	23E08383S15	ELY., 1μF / 50V	E615	23E08383S08	ELY., 10μF / 16V
E528	23E08383S08	ELY., 10μF / 16V	E616	23E20849S01	ELY., 100μF / 10V
E529	23E08383S08	ELY., 10μF / 16V	E617	23E20849S01	ELY., 100μF / 10V
E530	23E08383S08	ELY., 10μF / 16V	E701	23E08383S08	ELY., 10μF / 16V
E531	23E08383S08	ELY., 10μF / 16V	E702	23E20849S01	ELY., 100μF / 10V
E532	23E08383S08	ELY., 10μF / 16V	E703	23E10238S01	ELY., 100μF / 16V
E533	23E08383S08	ELY., 10μF / 16V	E704	23E08383S08	ELY., 10μF / 16V
E534	23E08383S10	ELY., 0.47μF / 50V	C801	08E22899S01	CP., 100pF

Symbol No.	Part No.	Description	Symbol No.	Part No.	Description
E801	23E08383S15	ELY., 1 μ F / 50V	R134	06E22062S01	47K ohm
C802	08E22088S01	CP., 0.1 μ F	R135	06E22062S01	47K ohm
E802	23E08383S08	ELY., 10 μ F / 16V	R136	06E22062S01	47K ohm
C803	08E22088S01	CP., 0.1 μ F	R201	06E22066S01	220K ohm
E803	23E08383S08	ELY., 10 μ F / 16V	R202	06E22895S01	6.2K ohm
C804	08E20767S01	CP., 3300pF	R203	06E22895S01	6.2K ohm
C805	08E22088S01	CP., 0.1 μ F	R204	06E22061S01	33K ohm
C806	08E08423S03	CP., 10pF	R205	06E22061S01	33K ohm
C807	08E08423S03	CP., 10pF	R206	06E22507S01	15K ohm
C808	08E22088S01	CP., 0.1 μ F	R207	06E22507S01	15K ohm
(All resistors are chip 1/10W $\pm$ 5% unless otherwise noted.)			R208	06E22065S01	100K ohm
Resistors			R209	06E22065S01	100K ohm
R101	06E24361S01	13K ohm	R210	06E22894S01	1.3K ohm
R102	06E24361S01	13K ohm	R211	06E22047S01	910 ohm
R103	06E24361S01	13K ohm	R212	06E22893S01	1.1K ohm
R104	06E24361S01	13K ohm	R213	06E21164S01	1.5K ohm
R105	06E24361S01	13K ohm	R214	06E22545S01	2K ohm
R106	06E24361S01	13K ohm	R215	06E22545S01	2K ohm
R107	06E24361S01	13K ohm	R216	06E22059S01	18K ohm
R108	06E24361S01	13K ohm	R217	06E22059S01	18K ohm
R109	06E24361S01	13K ohm	R218	06E22545S01	2K ohm
R110	06E24361S01	13K ohm	R219	06E22545S01	2K ohm
R111	06E24361S01	13K ohm	R301	06E22060S01	22K ohm
R112	06E24361S01	13K ohm	R302	06E22060S01	22K ohm
R113	06E24360S01	220 ohm	R303	06E22058S01	12K ohm
R114	06E24360S01	220 ohm	R304	06E22058S01	12K ohm
R115	06E24360S01	220 ohm	R305	06E22055S01	4.7K ohm
R116	06E24360S01	220 ohm	R306	06E22055S01	4.7K ohm
R117	06E24360S01	220 ohm	R307	06E22059S01	18K ohm
R118	06E24360S01	220 ohm	R308	06E22059S01	18K ohm
R119	06E24362S01	18K ohm	R309	06E24189S01	150 ohm
R120	06E24362S01	18K ohm	R310	06E24189S01	150 ohm
R121	06E24362S01	18K ohm	R311	06E24189S01	150 ohm
R122	06E24362S01	18K ohm	R312	06E24189S01	150 ohm
R123	06E24362S01	18K ohm	R401	06E22065S01	100K ohm
R124	06E24362S01	18K ohm	R402	06E22065S01	100K ohm
R125	06E24362S01	18K ohm	R403	06E24358S01	62K ohm
R126	06E24362S01	18K ohm	R404	06E20903S01	10K ohm
R127	06E24362S01	18K ohm	R405	06E24359S01	110K ohm
R128	06E24362S01	18K ohm	R406	06E20903S01	10K ohm
R129	06E24362S01	18K ohm	R407	06E22065S01	100K ohm
R130	06E24362S01	18K ohm	R408	06E22055S01	4.7K ohm
R131	06E22062S01	47K ohm	R409	06E20903S01	10K ohm
R132	06E22062S01	47K ohm	R410	06E22543S01	39 ohm
R133	06E22062S01	47K ohm	R411	06E22059S01	18K ohm
			R412	06E22054S01	3.9K ohm
			R413	06E22896S01	9.1K ohm
			R414	06E22062S01	47K ohm
			R415	06E22062S01	47K ohm

Symbol No.	Part No.	Description	Symbol No.	Part No.	Description
R416	06E22062S01	47K ohm	R524	06E22048S01	1K ohm
R417	06E22062S01	47K ohm	R525	06E22048S01	1K ohm
R418	06E22060S01	22K ohm	R526	06E22927S01	120K ohm
R419	06E22060S01	22K ohm	R527	06E22927S01	120K ohm
R421	06E22060S01	22K ohm	R528	06E22927S01	120K ohm
R422	06E22060S01	22K ohm	R529	06E22927S01	120K ohm
R423	06E22064S01	68K ohm	R530	06E22927S01	120K ohm
R424	06E20851S01	43K ohm	R531	06E22927S01	120K ohm
R425	06E22898S01	36K ohm	R532	06E22045S01	560 ohm
R426	06E20903S01	10K ohm	R533	06E22045S01	560 ohm
R427	06E22111S01	5.6K ohm	R534	06E22045S01	560 ohm
R428	06E22062S01	47K ohm	R535	06E22045S01	560 ohm
R429	06E22062S01	47K ohm	R536	06E22045S01	560 ohm
R430	06E22062S01	47K ohm	R537	06E22045S01	560 ohm
R431	06E22062S01	47K ohm	R538	06E22927S01	120K ohm
R432	06E22062S01	47K ohm	R539	06E22927S01	120K ohm
R433	06E22062S01	47K ohm	R540	06E22927S01	120K ohm
R434	06E22048S01	1K ohm	R541	06E22927S01	120K ohm
R435	06E22048S01	1K ohm	R542	06E22927S01	120K ohm
R436	06E22048S01	1K ohm	R543	06E22927S01	120K ohm
R437	06E22048S01	1K ohm	R548	06E22062S01	47K ohm
R438	06E22048S01	1K ohm	R549	06E22062S01	47K ohm
R439	06E22048S01	1K ohm	R550	06E22062S01	47K ohm
R440	06E22048S01	1K ohm	R551	06E22062S01	47K ohm
R441	06E22048S01	1K ohm	R552	06E22062S01	47K ohm
R442	06E22062S01	47K ohm	R553	06E22062S01	47K ohm
R443	06E22115S01	100 ohm 1/4W	R554	06E22042S01	220 ohm
R444	06E22115S01	100 ohm 1/4W	R555	06E22042S01	220 ohm
R445	06E22048S01	1K ohm	R556	06E22042S01	220 ohm
R446	06E24372S01	M.O., 620 ohm 1/2W	R557	06E22042S01	220 ohm
R501	06E22068S01	1M ohm	R558	06E22042S01	220 ohm
R502	06E22062S01	47K ohm	R559	06E22042S01	220 ohm
R503	06E22062S01	47K ohm	R560	06E22040S01	10 ohm
R504	06E22062S01	47K ohm	R561	06E22040S01	10 ohm
R505	06E22062S01	47K ohm	R562	06E22040S01	10 ohm
R506	06E22062S01	47K ohm	R563	06E22505S01	470 ohm
R507	06E22062S01	47K ohm	R564	06E22060S01	22K ohm
R508	06E22057S01	8.2K ohm	R565	06E22060S01	22K ohm
R509	06E22057S01	8.2K ohm	R566	06E22052S01	2.7K ohm
R511	06E22057S01	8.2K ohm	R567	06E22052S01	2.7K ohm
R512	06E22057S01	8.2K ohm	R571	06E22041S01	100 ohm
R514	06E22060S01	22K ohm	R572	06E22041S01	100 ohm
R515	06E22060S01	22K ohm	R573	06E22041S01	100 ohm
R517	06E22060S01	22K ohm	R574	06E22041S01	100 ohm
R518	06E22060S01	22K ohm	R575	06E22041S01	100 ohm
R520	06E22048S01	1K ohm	R576	06E22041S01	100 ohm
R521	06E22048S01	1K ohm	R581	06E22060S01	22K ohm
R522	06E22048S01	1K ohm	R582	06E22060S01	22K ohm
R523	06E22048S01	1K ohm	R583	06E22952S01	5.1K ohm

Symbol No.	Part No.	Description	Symbol No.	Part No.	Description
R584	06E22952S01	5.1K ohm	R734	06E22055S01	4.7K ohm
R591	06E22507S01	15K ohm	R735	06E22055S01	4.7K ohm
R592	06E22507S01	15K ohm	R736	06E22055S01	4.7K ohm
R593	06E22507S01	15K ohm	R737	06E22055S01	4.7K ohm
R594	06E22507S01	15K ohm	R738	06E22055S01	4.7K ohm
R595	06E20903S01	10K ohm	R739	06E22055S01	4.7K ohm
R596	06E20903S01	10K ohm	R740	06E23902S01	2.4K ohm 1/4W
R597	06E20903S01	10K ohm	R742	06E23902S01	2.4K ohm 1/4W
R598	06E20903S01	10K ohm	R801	06E22062S01	47K ohm
R601	06E20903S01	10K ohm	R802	06E23609S01	1.2K ohm 1/4W
R602	06E20903S01	10K ohm	R803	06E22067S01	470K ohm
R603	06E22929S01	3.3K ohm 1/4W	R804	06E23575S01	330K ohm
R605	06E22048S01	1K ohm	R805	06E22057S01	8.2K ohm
R606	06E20903S01	10K ohm	R806	06E20904S01	27K ohm
R607	06E22055S01	4.7K ohm	R807	06E20903S01	10K ohm
R608	06E20545S01	33 ohm 1/4W	R808	06E22507S01	15K ohm
R609	06E24357S01	270 ohm	R809	06E22062S01	47K ohm
R610	06E22928S01	43 ohm 1/4W	R810	06E22062S01	47K ohm
R611	06E22928S01	43 ohm 1/4W	R811	06E22062S01	47K ohm
R612	06E24356S01	180 ohm	R812	06E20903S01	10K ohm
R613	06E24356S01	180 ohm	R813	06E20903S01	10K ohm
R701	06E20903S01	10K ohm	R814	06E21164S01	1.5K ohm
R702	06E23902S01	2.4K ohm 1/4W	R815	06E22051S01	2.2K ohm
R703	06E23902S01	2.4K ohm 1/4W	R816	06E24371S01	M.O., 82 ohm 1/2W
R704	06E22048S01	1K ohm	R817	06E24371S01	M.O., 82 ohm 1/2W
R705	06E23835S01	9.1 ohm 1/4W	R818	06E22051S01	2.2K ohm
R706	06E23835S01	9.1 ohm 1/4W	R819	06E21164S01	1.5K ohm
R707	06E23835S01	9.1 ohm 1/4W	R820	06E22068S01	1M ohm
R708	06E23835S01	9.1 ohm 1/4W	R821	06E22060S01	22K ohm
R709	06E20903S01	10K ohm			
R710	06E22076S01	2.2K ohm 1/4W			
R711	06E20903S01	10K ohm			
R712	06E23902S01	2.4K ohm 1/4W			
R713	06E23902S01	2.4K ohm 1/4W			
R714	06E20903S01	10K ohm			
R715	06E24363S01	4.7K ohm 1/4W			
R716	06E20903S01	10K ohm			
R717	06E24363S01	4.7K ohm 1/4W			
R718	06E22926S01	7.5K ohm			
R719	06E22048S01	1K ohm			
R725	06E22058S01	12K ohm			
R726	06E22065S01	100K ohm			
R727	06E22055S01	4.7K ohm			
R728	06E22065S01	100K ohm			
R729	06E22545S01	2K ohm			
R730	06E22545S01	2K ohm			
R731	06E22068S01	1M ohm			
R732	06E22546S01	51K ohm			
R733	06E22547S01	680K ohm			

Mini P.C.Baord		
IC's		
IC413	51T90277F13	HD74HC04FP
IC414	51T90277F12	HD74HC164FP
IC415	51T90277F12	HD74HC164FP
IC416	51T90277F12	HD74HC164FP
Capacitors		
C424	08E22088S01	CP., 0.1μF
C425	08E08423S07	CP., 220pF
C426	08E22088S01	CP., 0.1μF

Symbol No.	Part No.	Description	Symbol No.	Part No.	Description
Front P.C.Baord					
IC's					
IC901	51E20548S01	NJU6432BF	LD905	48T65477W05	CP., SML-010DTT87 (OGR)
IC902	51E20548S01	NJU6432BF	LD906	48T65477W05	CP., SML-010DTT87 (OGR)
			LD907	48T65477W05	CP., SML-010DTT87 (OGR)
			LD908	48T65477W05	CP., SML-010DTT87 (OGR)
			LD909	48T65477W05	CP., SML-010DTT87 (OGR)
Lamps			Thermistor		
PL901	65T75231W06	9V-85mA	TH901	48T35484W05	CP., 10K ohm
PL902	65T75231W06	9V-85mA			
PL903	65T75233W01	6V-80mA	Capacitors		
PL904	65T75233W01	6V-80mA	C901	08E08423S06	CP., 680pF
PL905	65T75231W06	9V-85mA	C902	08E08423S06	CP., 680pF
PL906	65T75231W06	9V-85mA	C903	08E22966S01	CP., 0.47μF
PL907	65T75231W07	9V-85mA	C904	08E22966S01	CP., 0.47μF
PL908	65T75232W01	6V-80mA			
PL909	65T75232W01	6V-80mA	Resistors		
PL910	65T75231W02	9V-85mA	(All resistors are chip 1/10W±5% unless otherwise noted.)		
PL911	65T75231W02	9V-85mA	R901	06E22112S01	11K ohm
PL912	65T75233W02	6V-80mA	R902	06E22112S01	11K ohm
PL913	65T75233W02	6V-80mA	R903	06E22112S01	11K ohm
Switches			R904	06E22051S01	2.2K ohm
S901	40E23611S01	Tact., EVQPJU (1)	R905	06E22051S01	2.2K ohm
S902	40E23611S01	Tact., EVQPJU (EQ SEL)	R906	06E22051S01	2.2K ohm
S903	40E23611S01	Tact., EVQPJU (BBE)	R907	06E22053S01	3.3K ohm
S904	40E23611S01	Tact., EVQPJU (2)	R908	06E22053S01	3.3K ohm
S905	40E23611S01	Tact., EVQPJU (L.P.S/ILLUM)	R909	06E22053S01	3.3K ohm
S906	40E23611S01	Tact., EVQPJU (SUR)	R910	06E22111S01	5.6K ohm
S907	40E23611S01	Tact., EVQPJU (3)	R911	06E22111S01	5.6K ohm
S908	40E23611S01	Tact., EVQPJU (DISP)	R912	06E22111S01	5.6K ohm
S909	40E23611S01	Tact., EVQPJU (EQ)	R913	06E22112S01	11K ohm
S910	40E23611S01	Tact., EVQPJU (4)	R914	06E22112S01	11K ohm
S911	40E23611S01	Tact., EVQPJU (<)	R915	06E22112S01	11K ohm
S912	40E23611S01	Tact., EVQPJU (>)	R916	06E22061S01	33K ohm
S913	40E23611S01	Tact., EVQPJU (5)	R917	06E22546S01	51K ohm
S914	40E23611S01	Tact., EVQPJU (Λ)	R918	06E22546S01	51K ohm
S915	40E23611S01	Tact., EVQPJU (V)	R919	06E24357S01	270 ohm
S916	40E23611S01	Tact., EVQPJU (6)	R921	06E24391S01	5.1 ohm 1/4W
LED's			R923	06E24391S01	5.1 ohm 1/4W
LD901	48T65477W05	CP., SML-010DTT87 (OGR)	R925	06E24392S01	7.5 ohm 1/4W
LD902	48T65477W05	CP., SML-010DTT87 (OGR)	R927	06E24391S01	5.1 ohm 1/4W
LD903	48T65477W05	CP., SML-010DTT87 (OGR)	R929	06E24391S01	5.1 ohm 1/4W
LD904	48T65477W05	CP., SML-010DTT87 (OGR)	R931	06E24394S01	160 ohm 1/4W
			R932	06E24394S01	160 ohm 1/4W
			R933	06E22072S01	150 ohm 1/4W
			R934	06E22072S01	150 ohm 1/4W
			R935	06E24392S01	7.5 ohm 1/4W
			R937	06E24391S01	5.1 ohm 1/4W

Symbol No.	Part No.	Description	Symbol No.	Part No.	Description
R939	06E24391S01	5.1 ohm 1/4W			
R943	06E24393S01	56 ohm 1/4W			
R944	06E24395S01	180 ohm 1/4W			
R945	06E24396S01	300 ohm 1/4W			
R946	06E22048S01	1K ohm			
R947	06E22048S01	1K ohm			
R948	06E22048S01	1K ohm			
R949	06E22048S01	1K ohm			
R950	06E22048S01	1K ohm			
Miscellaneous					
ET601	09E22881S01	Power Supply Connector			
ET901	01E24389S01	13P Connector (To Main Unit)			
JK101	09T55071W12	Changer Input Connector			
JK102	09T55071W12	Ai-NET Input Connector			
JK103	09E24353S01	Input Connector			
JK401	09E24355S01	13P Connector (From Control Unit)			
JK501	09E24354S01	Output Connector			
LCD901	65T85239W02	LCD Display			

- **Main**



● **Control**

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B - 37 -

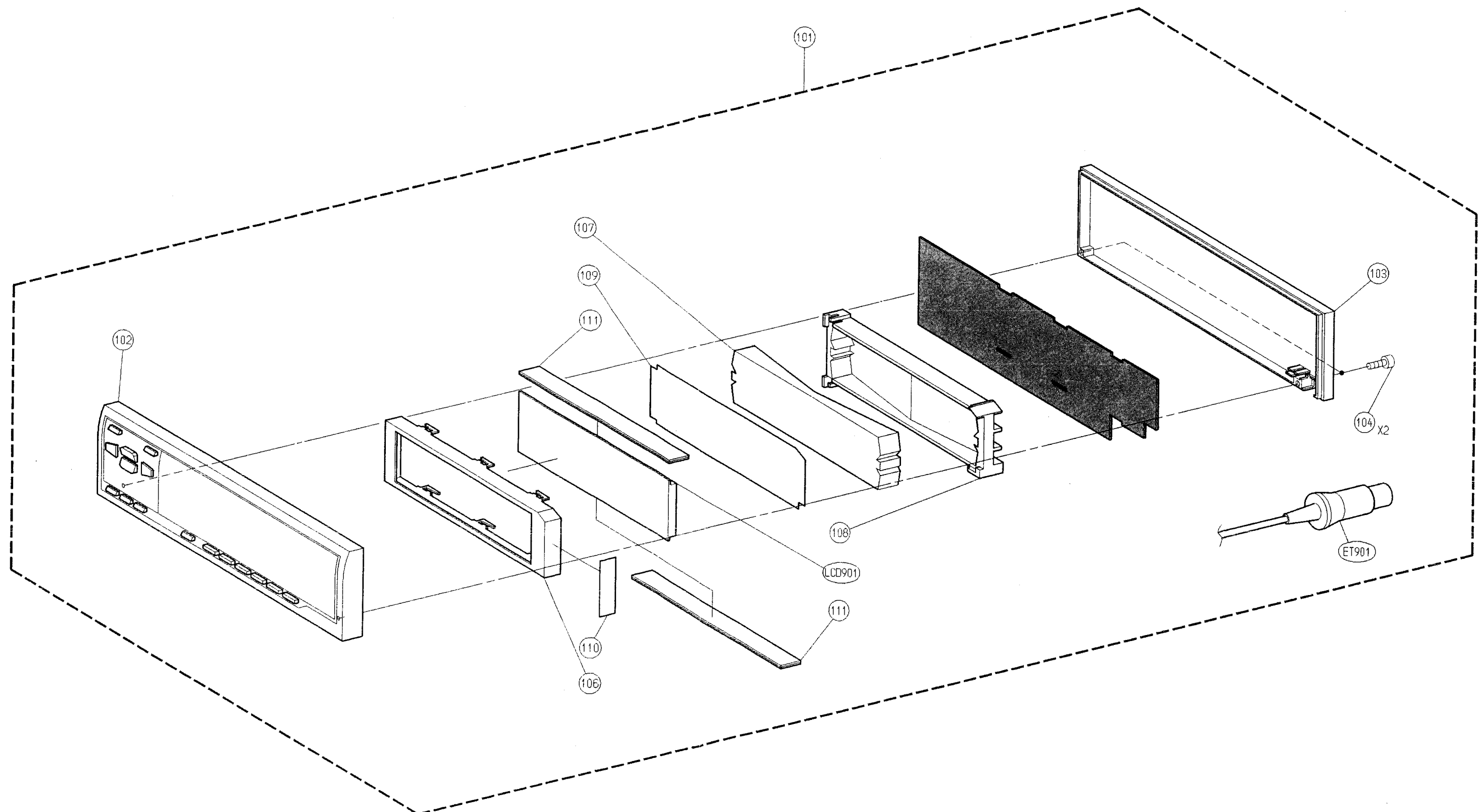
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F - 38 -

E



Cabinet Assembly Parts List

● Main Unit

NOTE: No parts number on parts list are not supplied.

Symbol No.	Index	Part No.	Description
5		03E09416S09	Screw, TPG-TPT (M3X10)
6		03E09416S10	Screw, TPG-TPT (M3X8)
7		03E09417S05	Screw, MCH-TPT (M2.6X5)
8	2-C	03E09417S01	Screw, MCH-TPT (M2.6X5)
14	3-E	03E22133S01	Screw, MCH-TPT (M2.6X6)

Symbol No.	Index	Part No.	Description

Cabinet Assembly Parts List

● Control Unit

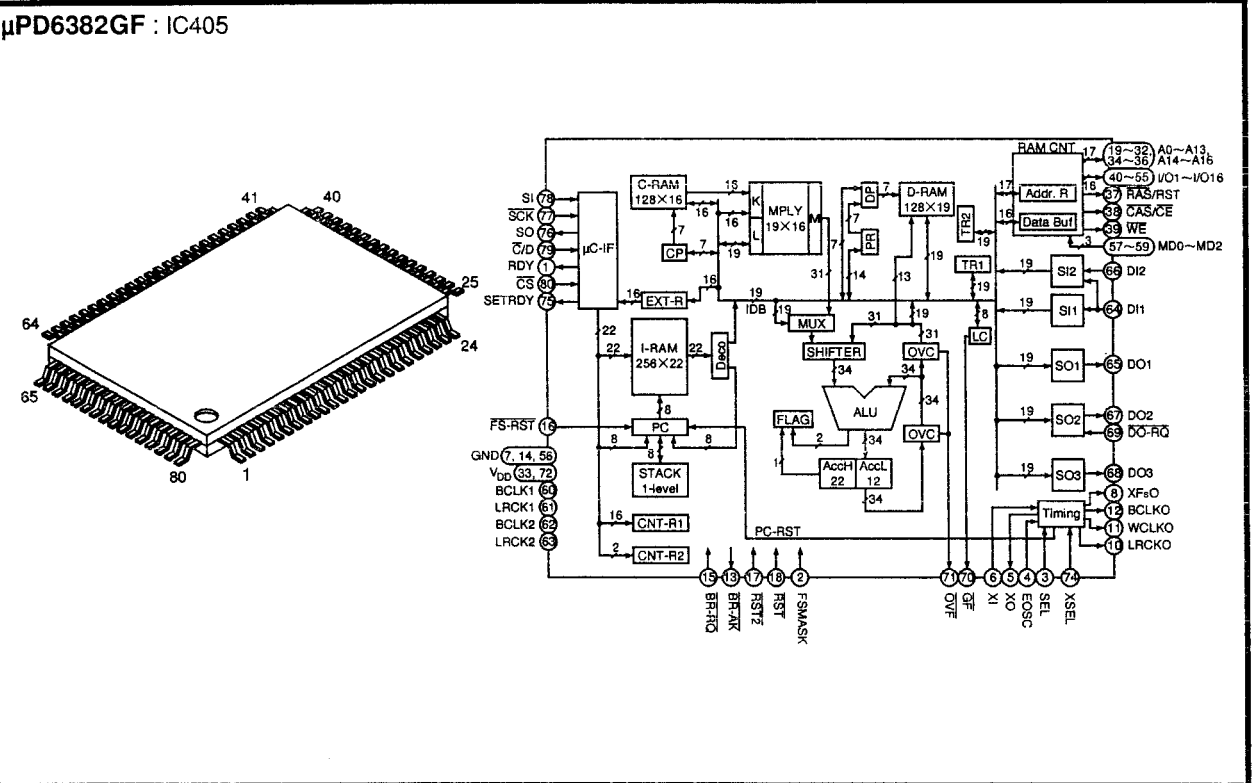
NOTE: No parts number on parts list are not supplied.

Symbol No.	Index	Part No.	Description
101	1-E	01E24404S01	Assy., Control Unit
102	3-A	01E24384S01	Assy., Nosepiece
103	2-G	15E24383S01	Nose Bottom
104	3-G	03E23665S01	Screw, TPG 2 (M1.7X12)
106	4-D	15E24386S01	Cover, LCD
107	2-D	61E24387S01	Lens, LCD
108	4-E	15E24388S01	Case, LCD
109	2-D	26B81649W01	Reflector, Sheet
110	4-D	14E24385S01	Insulator, Sheet
111		75E24406S01	Rubber, Connector

Symbol No.	Index	Part No.	Description

Semi-Conductor Lead Identifications

NOTE : For the parts not mentioned, refer to the Schematic Diagram.



45552W69 : IC408

